

Ke Liu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

232
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of laser-induced breakdown spectroscopy signal enhancement. Applied Spectroscopy Reviews, 2018, 53, 1-35.	6.7	126
2	Rapid classification of plastics by laser-induced breakdown spectroscopy (LIBS) coupled with partial least squares discrimination analysis based on variable importance (VI-PLS-DA). Analytical Methods, 2019, 11, 1174-1179.	2.7	31
3	Rapid classification of plastic bottles by laser-induced breakdown spectroscopy (LIBS) coupled with partial least squares discrimination analysis based on spectral windows (SW-PLS-DA). Journal of Analytical Atomic Spectrometry, 2019, 34, 1665-1671.	3.0	21
4	The basicity analysis of sintered ore using laser-induced breakdown spectroscopy (LIBS) combined with random forest regression (RFR). Analytical Methods, 2017, 9, 5365-5370.	2.7	19
5	Quantitative analysis of toxic elements in polypropylene (PP) via laser-induced breakdown spectroscopy (LIBS) coupled with random forest regression based on variable importance (VI-RFR). Analytical Methods, 2019, 11, 4769-4774.	2.7	14
6	Integrated instrumentation for combined laser-induced breakdown and Raman spectroscopy. Instrumentation Science and Technology, 2019, 47, 355-373.	1.8	7
7	Local Slope and Curvature Tests via Wave Front Modulations in the Shack-Hartmann Sensor. IEEE Photonics Technology Letters, 2017, 29, 842-845.	2.5	4
8	Magnetic Dipole Moment Determination Using Near-Field Magnetic Gradient Tensor Data. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1169-1173.	3.1	4
9	Calibration method to characterize the accuracy of phase-shifting point diffraction interferometer. Review of Scientific Instruments, 2011, 82, 033105.	1.3	2
10	Determining the Charge of Vortex Beams by Focused Intensity After Polarization Modulation. IEEE Photonics Technology Letters, 2018, 30, 487-490.	2.5	2
11	Simulation of the Magnetic Signature for Ferromagnetic Objects in Motion Using 3D-Printing Data. IEEE Access, 2019, 7, 61756-61763.	4.2	2
12	Wavefront modulation in subapertures of zonal sensor: A new approach for hybrid slope and curvature wavefront sensing. , 2017, , .		0
13	Maneuver-noise Reduction from Airborne Magnetic Gradient Tensor Data Based on Adaptive Filter. , 2019, , .		0